Company Profile

Baileigh Industrial consistently provides its customers with quality metal fabricating equipment in North America and Europe. Their product line consistently grows and currently offers mandrel tube/pipe benders, rotary draw tube/pipe benders, tube and pipe notchers, corner notchers, cold saws, band saws, sheet metal shears, sheet metal brakes, ironworkers, and we add new products on a daily basis. Baileigh Industrial has grown to be one of the largest and most respected sources of metal fabricating equipment in the world.

Baileigh Industrial takes great pride in having friendly and knowledgeable staff to assist you with determining the best machine for your application. We also maintain a worldwide network of dealers within the metal fabricating industry to offer you local sales assistance and after sale support. Our goal is to provide profitable solutions to your metal fabricating needs.

Mission Statement

To be the preferred supplier of quality fabrication equipment, systems and services by profitably responding to our customer’s needs with dependable delivers, services, and products that offer innovative technology and unsurpassed value.
**MB-60-4/8**

- Ø60mm Capacity
- Fully hydraulic clamping
- Sequentially adjustable flip stops (X axis)
- Automatic hydraulic mandrel extraction
- Electronic bending angle selector (Y axis) (4 or 8 bends)

**MB-60-4/8 Specifications**

<table>
<thead>
<tr>
<th></th>
<th>MB-60-4/8</th>
<th>MB-60-NCE-1</th>
<th>MB-60-NCE-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total power (kW)</td>
<td>8</td>
<td>8</td>
<td>8.1</td>
</tr>
<tr>
<td>Dimensions (mm)</td>
<td>4250x1200x1170</td>
<td>4250x1200x1170</td>
<td>4950x1200x1330</td>
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<tr>
<td>Weight (Kg)</td>
<td>1580</td>
<td>1700</td>
<td>1760</td>
</tr>
<tr>
<td>Maximum Centerline bending Radius (mm)</td>
<td>225</td>
<td>225</td>
<td>195</td>
</tr>
<tr>
<td>Maximum useful length with/without mandrel (mm)</td>
<td>3000</td>
<td>3000</td>
<td>3000</td>
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</tbody>
</table>

**Optional equipment**

- Automatic hydraulic mandrel extraction
- Automatic hydraulic pressure device
- Automatic hydraulic pressure die assist
- Automatic mandrel lubrication
- Hydraulic clamp for plane of bend positioner
- Machine useful length increments (1m)
- Split die system (square/rectangular/other)
- Dies for profiles/tubes

**MB-60-NCE-1**

- Ø60mm Capacity
- Fully hydraulic clamping
- Sequentially adjustable flip stops (X axis)
- Automatic hydraulic mandrel extraction

**MB-60-NCE-2**

- Plane of bend positioner (Z axis)
- Hydraulic clamp (optional)
- Fully hydraulic clamping
- Sequentially adjustable stops (X axis)
- Automatic hydraulic mandrel extraction

**Programmable bend & plane positioning sequence (Y and Z axis)**

- 25 programs (10 bends and 10 plane of bend rotations per program)

**Programmable Bend Sequence**

- 25 programs (10 bends per program)

**Z-Manual**

- Y-NC programmable
- X-Sequentially adjustable flip stops

**Y-Manual**

- X-NC programmable
- Z-Sequentially adjustable flip stops
MB-90-4/8
990mm Capacity

- Sequentially adjustable flip stops (X axis)
- Automatic hydraulic mandrel extraction
- Fully hydraulic clamping
- Electronic bending angle selector (Y axis) (4 or 8 bends)

MB-90-NCE-2
990mm Capacity

- Plane of bend positioner (Z axis)
- Hydraulic clamp (optional)
- Fully hydraulic clamping

MB-90-NCE-1
990mm Capacity

- Sequentially adjustable stops (X axis)
- Automatic hydraulic mandrel extraction
- Fully hydraulic clamping
- X-Sequentially adjustable flip stops

Optional equipment
- Automatic hydraulic mandrel extraction
- Automatic hydraulic pressure die
- Automatic hydraulic pressure die assist
- Automatic mandrel lubrication
- Hydraulic clamp for plane of bend positioner
- Machine useful length increments (1m)
- Split die system (square/rectangular/other)
- Dies for profiles/tubes

Programmable bend sequence
- Programmable bend & plane positioning sequence (Y and Z axis)
- 25 programs (10 bends and 10 plane of bend rotations per program)

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<tbody>
<tr>
<td>Total power (kW)</td>
<td>8</td>
<td>8</td>
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<tr>
<td>Dimensions (mm)</td>
<td>4560x1550x1270</td>
<td>4560x1550x1270</td>
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<tr>
<td>Weight (Kg)</td>
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<td>2350</td>
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<tr>
<td>Maximum Centerline bending Radius (mm)</td>
<td>325</td>
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<tr>
<td>Maximum useful length with/without mandrel (mm)</td>
<td>3000</td>
<td>3000</td>
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</tbody>
</table>
Versatile, Accurate, and Heavy Duty

- Robust engineering
- Reliable solid machined steel frame construction
- From 9mm to 90mm
- Nominated to medium productions
- Semi-automatic / NC programmable Y & Z axis
- Programmable bending/lengths/rotation sequenced
- Speed regulation hydraulic pressure die assist
- Square/round/rectangular & special formats on request
- Permutable shaft for tight radius

Overview

- Automatic hydraulic mandrel extraction
- Solid frame
- Remote foot pedal control
- Plane of bend positioner (Z axis)
- Foot pedal cycle start
- Built-in controller
- Emergency safety panel
- Electromechanical system (engine+gearbox)

Options

- **Bending options**
  - Hydraulic pressure die assist with adjustable speed (*)

- **Other options**
  - Automatic mandrel lubrication
  - Split die system (square/rectangular/other)
  - Machine useful length increments (1m)

Characteristics

<table>
<thead>
<tr>
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<th>MB-35</th>
<th>MB-60</th>
<th>MB-90</th>
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</thead>
<tbody>
<tr>
<td>Maximum bending OD x thickness (steel - 450 N/mm²)</td>
<td>35 x 3</td>
<td>60 x 3</td>
<td>90 x 3</td>
</tr>
<tr>
<td>Maximum bending OD x thickness (stainless steel - 700 N/mm²)</td>
<td>30 x 2</td>
<td>50.8 x 2</td>
<td>76.2 x 2</td>
</tr>
<tr>
<td>Maximum bending side x side x thickness (steel - 450 N/mm²)</td>
<td>30 x 30 x 2</td>
<td>50.8 x 50.8 x 2</td>
<td>76.2 x 76.2 x 2</td>
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<tr>
<td>Maximum section modulus (steel - 450 N/mm²)</td>
<td>1.2</td>
<td>4.6</td>
<td>10.5</td>
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<tr>
<td>Maximum bending Angle - (°)</td>
<td>190</td>
<td>190</td>
<td>190</td>
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<tr>
<td>Standard bending direction</td>
<td>Clockwise</td>
<td>Clockwise</td>
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<tr>
<td>Working pressure - (bar)</td>
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<tr>
<td>Power supply - (Volts-Hz-Phases)</td>
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<td>380V - 50Hz - 3P</td>
<td>380V - 50Hz - 3P</td>
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<tr>
<td></td>
<td>220V - 60Hz - 3P</td>
<td>220V - 60Hz - 3P</td>
<td>220V - 60Hz - 3P</td>
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</tbody>
</table>